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Review Test Submission: Lab 6 Quiz

User	David Kirby
Course	ECE-344L-003 (Spring 2020)
Test	Lab 6 Quiz
Started	5/3/20 12:26 AM
Submitted	5/3/20 12:28 AM
Due Date	5/8/20 12:00 PM
Status	Completed
Attempt Score	115 out of 115 points
Time Elapsed	1 minute
Results Displayed	All Answers, Submitted Answers, Correct Answers

Question 1   10 out of 10 points

In UART communication, two UARTs can communicate directly with each other. The transmitting UART converts _ _____ data from a controlling device like a CPU into _____ form, transmits it in _____ to the receiving UART, which then converts that data back into _____ data for the receiving device

Selected Answer: ✅ Parallel , serial , serial & parallel respectively

Answers: Serial , parallel, serial & parallel respectively

                 Parallel , serial , parallel & serial respectively

              ✅ Parallel , serial , serial & parallel respectively

                 Serial , parallel , parallel & serial respectively

Question 2   5 out of 5 points

Buffer is a region of a physical memory storage used to temporarily store data while it is being moved from one place to another.

Selected Answer: ✅ True
Answers: ✅ True
False

Question 3

10 out of 10 points

For the part 1 of lab 6 what will happen if we enter carriage return after entering 5 characters, even though the first line can accommodate 16 characters?

Selected Answer: ✅ Move the cursor to the beginning of the 2nd line

Answers: It will stop functioning or enter into an infinite loop

✅ Move the cursor to the beginning of the 2nd line

Nothing happens

Clear the first line and start from the beginning

Question 4

10 out of 10 points

How many pins are there for a slave SPIx serial interface when multiple slaves are used?

Selected Answer: ✅ 4

Answers: 8

✅ 4

2

6

Question 5

5 out of 5 points

When we write the commands to SPI interface it's necessary to put delay otherwise the slave doesn't have a chance to react to the incoming data and do something with it.

Selected Answer: ✅ True
Answers: ✅ True
False

Question 6   10 out of 10 points

If both the parties can transmit simultaneously while communicating, what type of system is this?

Selected Answer: ✅ Full-duplex

Answers: Simplex

Half duplex

✅ Full-duplex

Synchronous communication

Question 7   10 out of 10 points

Which register stores the baud rate value associated with the transmitted or received data?

Selected Answer: ✅ UxBRG

Answers: UxTXREG

UxSTA

✅ UxBRG

UxRXREG

Question 8   10 out of 10 points

Key features of SPI module are:

Selected Answer: ✅ All of the above

Answers: Master and Slave mode support and support for four different clock formats

Framed SPI protocol support and the user-configurable 8-bit, 16-bit, or 32-bit data width

Programmable interrupt event on every 8-bit, 16-bit, and 32-bit data transfer

✅ All of the above

Question 9   5 out of 5 points

The baud rate is the rate at which information is transferred in a communication channel.

Selected Answer: ✅ True

Answers: ✅ True

        False

Question 10   10 out of 10 points

What is the baud rate we use for the UART in lab 6?

Selected Answer: ✅ 9600

Answers: 4800

        2400

        ✅ 9600

        57600

Question 11   5 out of 5 points

UART_NO_PAR_8BIT is used to select parity and data bits

Selected Answer: ✅ True

Answers: ✅ True

        False

Question 12   10 out of 10 points

SPI devices communicate in _____ mode

Selected Answer: ✅ full duplex

Answers: ✅ full duplex

        Half duplex

        Simplex

        Asynchronous

Question 13

10 out of 10 points

SPI devices use a _____ architecture with a _____

Selected Answer: ✅ <u>master-slave</u> , single master

Answers: ✅ <u>master-slave</u> , single master

master-master , multi-master

<u>master-slave</u> , multi-master

none of these

Question 14

5 out of 5 points

UART_DIS_ABAUD will enable auto baud measurement.

Selected Answer: ✅ False

Answers: True

✅ False

Sunday, May 3, 2020 12:28:26 AM MDT

← OK